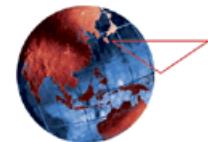


Explosive Ordnance Disposal Customized Ordnance Information



Al Hayes
Division Head
Procedures Development
Naval EOD Technology Division
hayesa@eodpoe2.navsea.navy.mil
(301) 744-6893

9 March 2004



The
UXO/Countermine Forum

DoD's Preeminent Conference on Technology, Programs & Partnerships

UXO Community



Potential products:

- Customized data extractions and software solutions
- CD-ROM products
- Internet/SIPRNET publishing
- Portable Devices (Palm OS, Compaq IPAQ, etc.)

Information Evolution



Paper Library



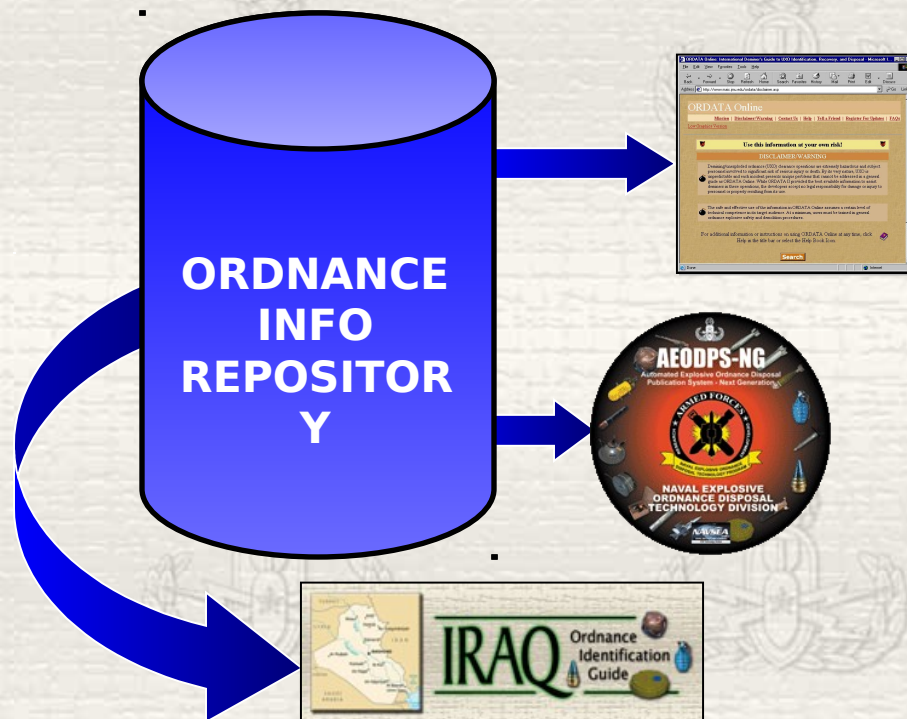
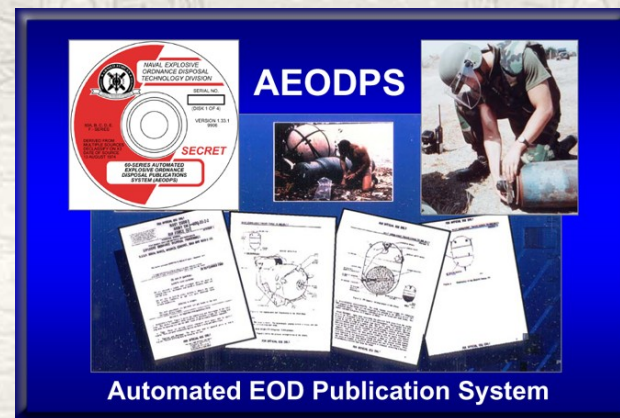
CD-ROM



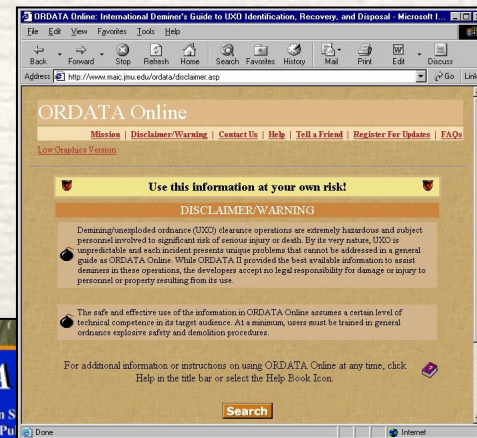
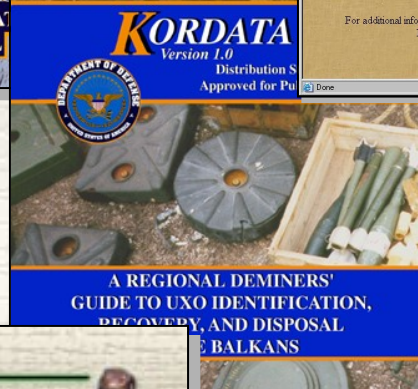
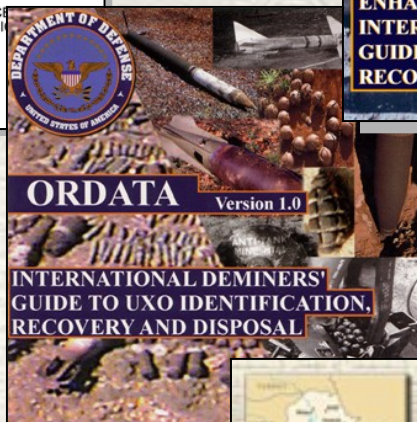
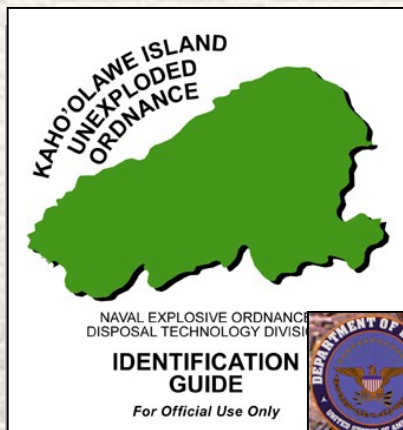
Microfiche

Database Publishing

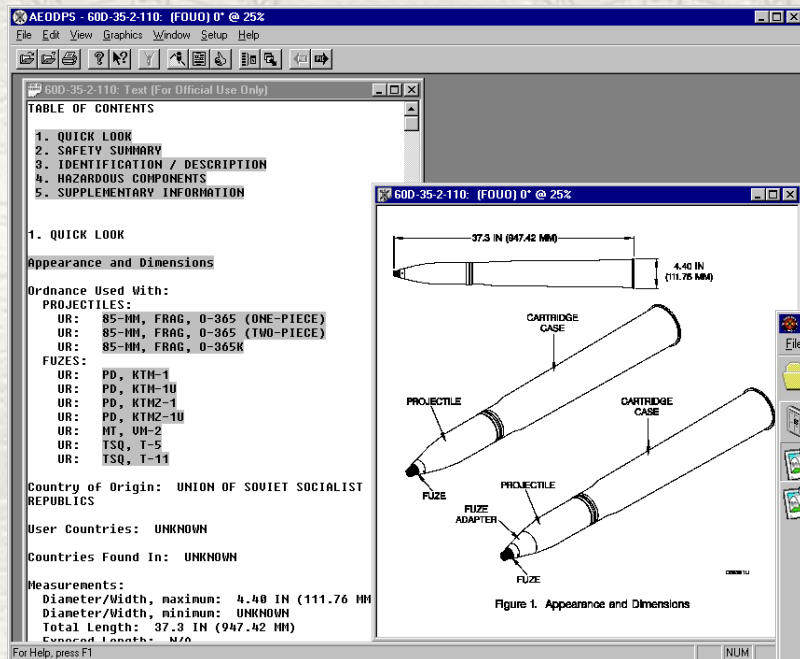
- Yesterday, a transition from a paper paradigm to electronic document publishing
- Today, a transition from document publishing to database publishing technologies and systems allowing:
 - custom data extractions to fit UXO specific needs
 - unique data sets targeted for specific regions or areas of operation
 - access to real-time information
 - data available in a wide range of formats



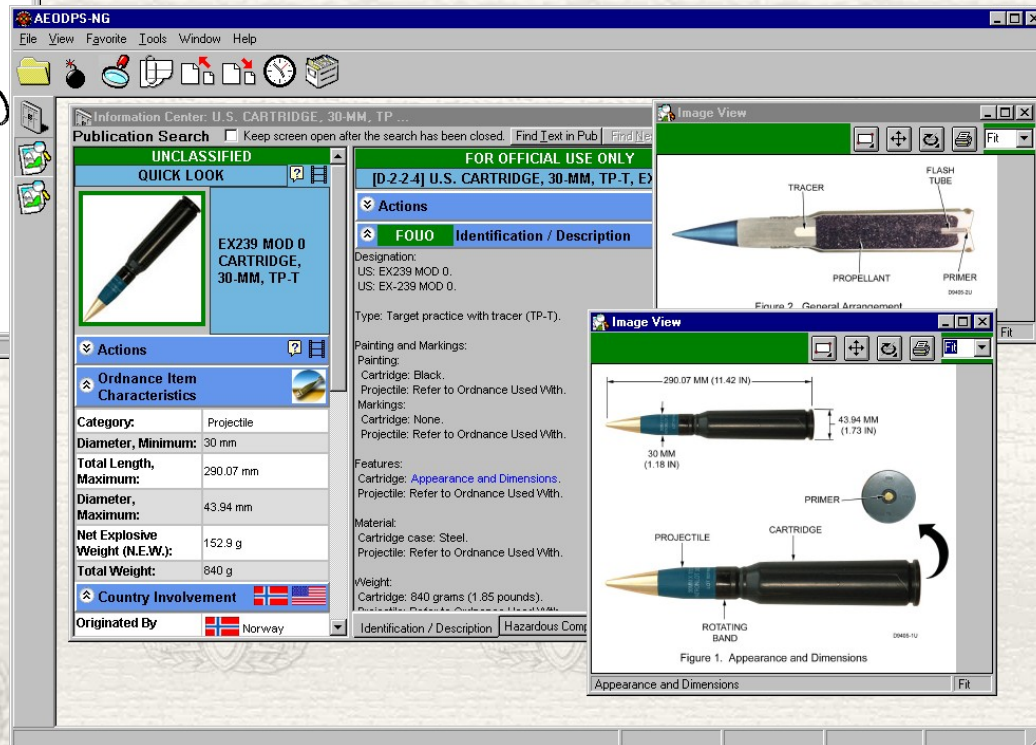
UXO Products (Past and Present)



UXO Products - Continued



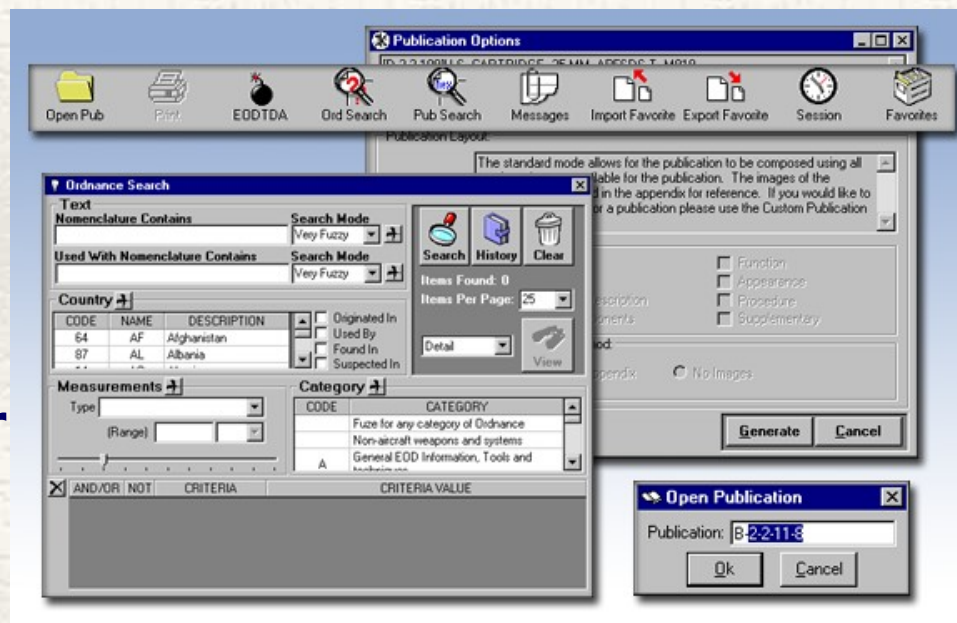
Legacy system



Current system

UXO Products - Continued

- ❑ Improved Searching
- ❑ Profile Manager
- ❑ Easier Installation
- ❑ Favorites
- ❑ Customization and User Preferences
- ❑ Advanced Imagery
- ❑ EOD Tactical Decision Aid



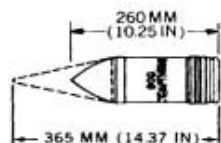
UXO Products - Continued



□ Iraq Ordnance Identification Guide

- Similar in format to Joint Service Operational Support Guide (aka Purple book)
- 1200+ ordnance items
- Six-week turnaround time
- Available on CD-ROM or NAVEODTECHDIV website:
<https://naveodtechdiv.navsea.navy.mil/>
- Also available on Mine Action Information Center at James Madison University website:
<http://maic.jmu.edu/research/IraqOIG/default.htm>

Iraq Ordnance Identification Guide - continued



U.S. PROJECTILE, 90-MM, AP-T, M318A1



Ordnance used with:
M318, CARTRIDGE, 90 MM, AP-T
T33E7, CARTRIDGE, 90 MM, AP-T



N.E.W. 1.00 G

U.S. PROJECTILE, 90-MM, HE, M71



Ordnance used with:
M48, PROJECTILE, PD
M48A1, PROJECTILE, PD
M48A2, FUZE, PROJECTILE, PD
M48A3, FUZE, PROJECTILE, PD
M501, FUZE, PROJECTILE, MTSQ
M501A1, FUZE, PROJECTILE, MTSQ
M502, FUZE, PROJECTILE, MTSQ

N.E.W. 2.25 LB

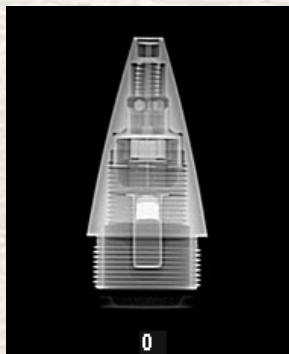
Projectile - 94



Transforming EOD Information

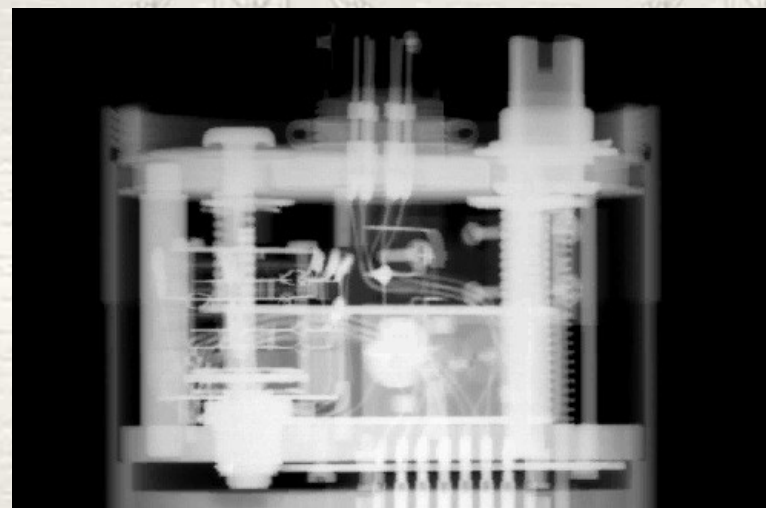
First Steps:

- In Country Exploitation



Vision:

- Full awareness decision support



ICE in Iraq

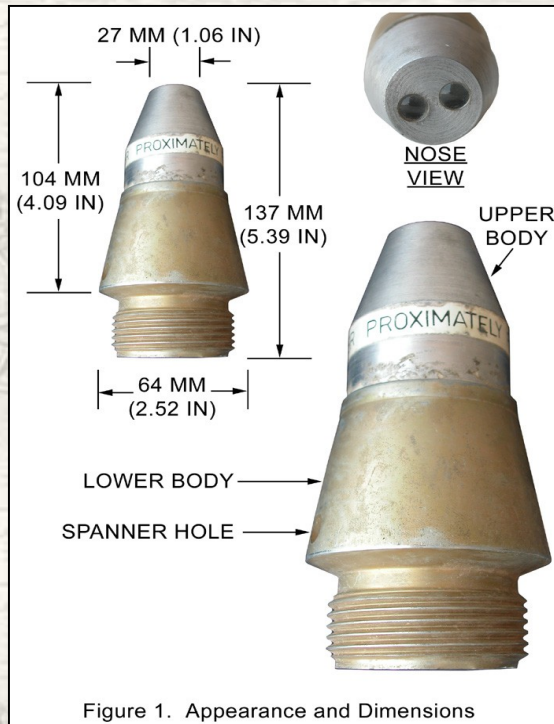
■ In-Country Exploitation (ICE) Team

■ Team Composition - 8 personnel

- 3 Disassembly Tech/Asst. Radiographers
- 1 Radiographer
- 2 Procedures Developers
- 1 Communicator
- 1 TSC rep (EOD Technician)



ICE in Iraq - Stats



Laser Proximity Fuze

- 7 separate products were disseminated to EOD Forces in Iraq
- ICE “product” contained a total of over 450 ordnance items
 - Of these, over half had no coverage in the 60 Series
- Collected data on over 500 ordnance items
- Collected 9,000 photographs of various ordnance
- Integrated information into corporate database

Conclusion

- Coordinate with your Government Sponsor
- Visit our website and look for UXO link/graphic to access this presentation:



<https://naveodtechdiv.navsea.navy.mil/OperationsDepartment.asp>